

Abstract

A dusting device comprises a housing (12) and at least one powder gas delivery device (14, 15), which discharges a powder gas jet (16) onto a surface of products transported in one conveyor direction (18) and a suction device (34) for unused powder gas. At least one housing wall (21) is permeable for an airstream (28a), whereby at least one permeable housing wall (21) has an air-permeable filter mat arrangement (22).

(Fig. 1)

Figure 1 consists of 12 histograms arranged in a single column. Each histogram represents the frequency distribution of the number of non-zero elements in the vector x for a specific value of n . The values of n are 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, and 120, from top to bottom. The x-axis for each histogram is labeled with the number of non-zero elements, and the y-axis is labeled with the frequency. As n increases, the distribution of non-zero elements shifts to the right, indicating that the vector x contains more non-zero elements as n increases.